

INDEX TO VOLUME 355 (2003)

- Aberbach, Ian M. and Enescu, Florian. *Test ideals and base change problems in tight closure theory*, 619
- Agranovsky, Mark L. and Quinto, Eric Todd. *Stationary sets for the wave equation in crystallographic domains*, 2439
- Ahlgren, Scott and Papanikolas, Matthew. *Higher Weierstrass points on $X_0(p)$* , 1521
- Ahn, Jaehyun; Bae, Sunghan; and Jung, Hwanyup. *Cyclotomic units and Stickelberger ideals of global function fields*, 1803
- Alexander, Stephanie B. and Bishop, Richard L. *Spines and topology of thin Riemannian manifolds*, 4933
- Alonso Tarrio, Leovigildo; Jeremías López, Ana; and Souto Salorio, María José. *Construction of t -structures and equivalences of derived categories*, 2523
- Alpay, D.; Constantinescu, T.; Dijkstra, A.; and Rovnyak, J. *Notes on interpolation in the generalized Schur class. II. Nudelman's problem*, 813
- Andrews, George E.; Berndt, Bruce C.; Sohn, Jaebum; Yee, Ae Ja; and Zaharescu, Alexandru. *On Ramanujan's continued fraction for $(q^2; q^3)_\infty / (q; q^3)_\infty$* , 2397
- Andrews, George E.; Guo, Li; Keigher, William; and Ono, Ken. *Baxter algebras and Hopf algebras*, 4639
- Anton, Marian F. *An elementary invariant problem and general linear group cohomology restricted to the diagonal subgroup*, 2327
- Antonyan, Sergey. *West's problem on equivariant hyperspaces and Banach-Mazur compacta*, 3379
- Anttila, Milla; Ball, Keith; and Perissinaki, Irini. *The central limit problem for convex bodies*, 4723
- Aptekarev, A. I.; Branquinho, A.; and Van Assche, W. *Multiple orthogonal polynomials for classical weights*, 3887
- Arazy, Jonathan and Engliš, Miroslav. *Analytic models for commuting operator tuples on bounded symmetric domains*, 837
- Bae, Sunghan. *See Ahn, Jaehyun*
- Bae, Sunghan; Gekeler, Ernst-Ulrich; Kang, Pyung-Lyun; and Yin, Linsheng. *Anderson's double complex and gamma monomials for rational function fields*, 3463
- Baumer, Boris. *On the inversion of the convolution and Laplace transform*, 1201
- Baldrige, Scott Jeremy. *Seiberg-Witten invariants, orbifolds, and circle actions*, 1669
- Ball, Keith. *See Anttila, Milla*
- Bande, Gianluca. *Couples contacto-symplectiques*, 1699
- Barnes, Donald W. *On the spectral sequence constructors of Guichardet and Stefan*, 2755
- Bass, Richard F. and Perkins, Edwin A. *Degenerate stochastic differential equations with Hölder continuous coefficients and super-Markov chains*, 373
- Bauschke, Heinz H.; Deutsch, Frank; Hundal, Hein; and Park, Sung-Ho. *Accelerating the convergence of the method of alternating projections*, 3433
- Beals, Robert; Leedham-Green, Charles R.; Niemeyer, Alice C.; Praeger, Cheryl E.; and Seress, Ákos. *A black-box group algorithm for recognizing finite symmetric and alternating groups, I*, 2097
- Bell, Jason P. and Burris, Stanley N. *Asymptotics for logical limit laws: When the growth of the components is in an RT class*, 3777
- Benamer, Moulay-Tahar. *A higher Lefschetz formula for flat bundles*, 119
- Berndt, Bruce C. *See Andrews, George E.*
- Betten, Frank. *Causal compactification of compactly causal spaces*, 4699
- Bhattacharya, Rabi N.; Chen, Larry; Dobson, Scott; Guenther, Ronald B.; Orum, Chris; Ossiander, Mina; Thomann, Enrique; and Waymire, Edward C. *Majorizing kernels and stochastic cascades with applications to incompressible Navier-Stokes equations*, 5003
- Bhattacharyya, Bina. *Group actions on graphs related to Krishnan-Sunder subfactors*, 433
- Biane, Philippe; Goodman, Frederick; and Nica, Alexandru. *Non-crossing cumulants of type B*, 2263
- Biller, Harald. *Proper actions on cohomology manifolds*, 407
- Billey, Sara C. and Warrington, Gregory S. *Maximal singular loci of Schubert varieties in $SL(n)/B$* , 3915
- Birkenhake, Christina and Wilhelm, Hannes. *Humbert surfaces and the Kummer plane*, 1819
- Bishop, Richard L. *See Alexander, Stephanie B.*

INDEX TO VOLUME 355 (2003)

- Blecher, David P. and Labuschagne, Louis E. *Logmodularity and isometries of operator algebras*, 1621
- Blickle, Manuel. *The D -module structure of $R[F]$ -modules*, 1647
- Boeckx, E. *When are the tangent sphere bundles of a Riemannian manifold reducible?*, 2885
- Bonfert-Taylor, Petra and Taylor, Edward C. *Quasiconformal groups, Patterson-Sullivan theory, and local analysis of limit sets*, 787
- Borwein, Peter and Hare, Kevin G. *Non-trivial quadratic approximations to zero of a family of cubic Pisot numbers*, 4767
- Boyle, Mike and Huang, Danrun. *Poset block equivalence of integral matrices*, 3861
- Bracci, Filippo. *Fixed points of commuting holomorphic mappings other than the Wolff point*, 2569
- Bradley, David M. *A pair of difference differential equations of Euler-Cauchy type*, 4985
- Brandolini, L.; Iosevich, A.; and Travaglini, G. *Planar convex bodies, Fourier transform, lattice points, and irregularities of distribution*, 3513
- Branquinho, A. *See Aptekarev, A. I.*
- Braungardt, V. and Kotschick, D. *Clustering of critical points in Lefschetz fibrations and the symplectic Szpiro inequality*, 3217
- Brendle, Jörg. *The almost-disjointness number may have countable cofinality*, 2633
- Brosnan, Patrick. *Steenrod operations in Chow theory*, 1869
- Brungs, H. H. and Dubrovin, N. I. *A classification and examples of rank one chain domains*, 2733
- Buckley, Anita and Zompatori, Marina. *Linear systems of plane curves with a composite number of base points of equal multiplicity*, 539
- Bujalance, Emilio; Cirre, F. J.; and Conder, Marston. *On extendability of group actions on compact Riemann surfaces*, 1537
- Burris, Stanley N. *See Bell, Jason P.*
- Butler, Leo T. *Zero entropy, non-integrable geodesic flows and a non-commutative rotation vector*, 3641
- Buzzard, Gregory T. *Tame sets, dominating maps, and complex tori*, 2557
- Cabello Sánchez, F.; Castillo, J. M. F.; Kalton, N. J.; and Yost, D. T. *Twisted sums with $C(K)$ spaces*, 4523
- Campbell, James T.; Jones, Roger L.; Reinhold, Karin; and Wierdl, Máté. *Oscillation and variation for singular integrals in higher dimensions*, 2115
- Caporaso, Lucia. *Remarks about uniform boundedness of rational points over function fields*, 3475
- Carter, J. Scott; Jelsovsky, Daniel; Kamada, Seiichi; Langford, Laurel; and Saito, Masahico. *Quandle cohomology and state-sum invariants of knotted curves and surfaces*, 3947
- Cassinelli, G. and De Vito, E. *Square-integrability modulo a sub-group*, 1443
- Castillo, J. M. F. *See Cabello Sánchez, F.*
- Castro-Jiménez, Francisco Jesús and Takayama, Nobuki. *Singularities of the hypergeometric system associated with a monomial curve*, 3761
- Cha, Jae Choon. *Fibred knots and twisted Alexander invariants*, 4187
- Chan, Ada; Godsil, Chris; and Munemasa, Akihiro. *Four-weight spin models and Jones pairs*, 2305
- Chan, Heng Huat; Chua, Kok Seng; and Solé, Patrick. *Quadratic iterations to π associated with elliptic functions to the cubic and septic base*, 1505
- Chan, Wai Kiu and Oh, Byeong-Kweon. *Finiteness theorems for positive definite n -regular quadratic forms*, 2385
- Chang, Seung Jun; Choi, Jae Gil; and Skoug, David. *Integration by parts formulas involving generalized Fourier-Feynman transforms on function space*, 2925
- Chen, Larry. *See Bhattacharya, Rabi N.*
- Choe, Boo Rim; Koo, Hyungwoon; and Smith, Wayne. *Composition operators acting on holomorphic Sobolev spaces*, 2829
- Choi, Jae Gil. *See Chang, Seung Jun*
- Chua, Kok Seng. *See Chan, Heng Huat*
- Cirre, F. J. *See Bujalance, Emilio*
- Clark, Jeremy. *A constructive Schwarz reflection principle*, 4569

INDEX TO VOLUME 355 (2003)

- Cohen, Stephen D. *See* Huczynska, Sophie
- Cojocaru, Alina Carmen. *Cyclicity of CM elliptic curves modulo p*, 2651
- Comech, Andrew and Cuccagna, Scipio. *On L^p continuity of singular Fourier integral operators*, 2453
- Comman, Henri. *Criteria for large deviations*, 2905
- Conder, Marston. *See* Bujalance, Emilio
- Constantinescu, T. *See* Alpay, D.
- Costa, Laura and Ottaviani, Giorgio. *Nondegenerate multidimensional matrices and instanton bundles*, 49
- Crandall, Michael G. and Zhang, Jianying. *Another way to say harmonic*, 241
- Cuccagna, Scipio. *See* Comech, Andrew
- Cui, Shangbin and Friedman, Avner. *A free boundary problem for a singular system of differential equations: An application to a model of tumor growth*, 3537
- Dadarlat, Marius and Guentner, Erik. *Constructions preserving Hilbert space uniform embeddability of discrete groups*, 3253
- Dais, Dimitrios I. and Henk, Martin. *On the equations defining toric l.c.i.-singularities*, 4955
- Dalang, Robert C. and Mountford, T. *Non-independence of excursions of the Brownian sheet and of additive Brownian motion*, 967
- Dani, S. G. *Some two-step and three-step nilpotent Lie groups with small automorphism groups*, 1491
- D'Aniello, Emma and Steele, T. H. *A C^1 function for which the ω -limit points are not contained in the closure of the periodic points*, 2545
- Daniilidis, Aris; Georgiev, Pando; and Penot, Jean-Paul. *Integration of multivalued operators and cyclic submonotonicity*, 177
- Datta, Mahuya. *Connections with prescribed first Pontrjagin form*, 3813
- De Figueiredo, D. G. and Ding, Y. H. *Strongly indefinite functionals and multiple solutions of elliptic systems*, 2973
- Dekimpe, Karel and Lee, Kyung Bai. *Expanding maps on infra-nilmanifolds of homogeneous type*, 1067
- Deutsch, Frank. *See* Bauschke, Heinz H.
- De Vito, E. *See* Cassinelli, G.
- Dijksma, A. *See* Alpay, D.
- Dindoš, Martin. *Existence and uniqueness for a semilinear elliptic problem on Lipschitz domains in Riemannian manifolds II*, 1365
- Ding, Y. H. *See* De Figueiredo, D. G.
- Dobson, Scott. *See* Bhattacharya, Rabi N.
- de Donno, Giuseppe and Oliaro, Alessandro. *Local solvability and hypoellipticity for semilinear anisotropic partial differential equations*, 3405
- Dontchev, A. L.; Lewis, A. S.; and Rockafellar, R. T. *The radius of metric regularity*, 493
- Dranishnikov, A. N. *On hypersphericity of manifolds with finite asymptotic dimension*, 155
- Du, Jie and Parshall, Brian. *Monomial bases for q -Schur algebras*, 1593
- Dubrovin, N. I. *See* Brungs, H. H.
- Du Plessis, A. A. *See* Murolo, C.
- Eisenbud, David; Fløystad, Gunnar; and Schreyer, Frank-Olaf. *Sheaf cohomology and free resolutions over exterior algebras*, 4397
- Eisenbud, David; Popescu, Sorin; and Yuzvinsky, Sergey. *Hyperplane arrangement cohomology and monomials in the exterior algebra*, 4365
- Eisenbud, David and Weyman, Jerzy. *Fitting's Lemma for $\mathbb{Z}/2$ -graded modules*, 4451
- Eisermann, Michael. *A geometric characterization of Vassiliev invariants*, 4825
- Enescu, Florian. *See* Aberbach, Ian M.
- Engliš, Miroslav. *See* Arazy, Jonathan
- Fan, Dashan; Guo, Kanghui; and Pan, Yibiao. *Singular integrals with rough kernels along real-analytic submanifolds in \mathbb{R}^3* , 1145
- Farb, Benson and Franks, John. *Group actions on one-manifolds, II: Extensions of Hölder's Theorem*, 4385
- Farkas, Gavril and Gibney, Angela. *The Mori cones of moduli spaces of pointed curves of small genus*, 1183

- Fitchett, Stephanie. *See* Harbourne, Brian
- Flamini, Flaminio. *Families of nodal curves on projective threefolds and their regularity via postulation of nodes*, 4901
- Floystad, Gunnar. *See* Eisenbud, David
- Franks, John. *See* Farb, Benson
- Freeman, Eric. *Systems of diagonal Diophantine inequalities*, 2675
- Friedman, Avner. *See* Cui, Shangbin
- Fuchs, Clemens; Pethő, Attila; and Tichy, Robert F. *On the Diophantine equation $G_n(x) = G_m(P(x))$: Higher-order recurrences*, 4657
- Fuchs, Michael. *On a problem of W. J. LeVeque concerning metric diophantine approximation*, 1787
- Gallego, Francisco Javier and Purnaprajna, Bangere P. *On the canonical rings of covers of surfaces of minimal degree*, 2715
- García-Cuerva, José; Marco, José Manuel; and Parcet, Javier. *Sharp Fourier type and cotype with respect to compact semisimple Lie groups*, 3591
- Gekeler, Ernst-Ulrich. *See* Bae, Sunghan
- Georgiev, Pando. *See* Daniilidis, Aris
- Gerver, Joseph L. *On cubic lacunary Fourier series*, 4297
- Giambruno, A. and Zaicev, M. *Codimension growth and minimal superalgebras*, 5091
- Gibney, Angela. *See* Farkas, Gavril
- Globevnik, Josip. *Holomorphic extensions from open families of circles*, 1921
- Godsil, Chris. *See* Chan, Ada
- Goldstein, Jerome A. and Zhang, Qi S. *Linear parabolic equations with strong singular potentials*, 197
- Goodman, Frederick. *See* Biane, Philippe
- Grieser, Daniel. *Local geometry of singular real analytic surfaces*, 1559
- Grigor'yan, Alexander; Hu, Jiabin; and Lau, Ka-Sing. *Heat kernels on metric measure spaces and an application to semilinear elliptic equations*, 2065
- Guan, Pengfei; Viaclovsky, Jeff; and Wang, Guofang. *Some properties of the Schouten tensor and applications to conformal geometry*, 925
- Guediri, Mohammed. *On the nonexistence of closed timelike geodesics in flat Lorentz 2-step nilmanifolds*, 775
- Guenther, Ronald B. *See* Bhattacharya, Rabi N.
- Guentner, Erik. *See* Dadarlat, Marius
- Guo, Kanghui. *See* Fan, Dashan
- Guo, Li. *See* Andrews, George E.
- Gutiérrez, Cristian E. and Hartenstine, David. *Regularity of weak solutions to the Monge-Ampère equation*, 2477
- Gutiérrez, Manuel; Palomo, Francisco J.; and Romero, Alfonso. *Erratum to "A Berger-Green type inequality for compact Lorentzian manifolds"*, 5119
- Halverscheid, S. and Iannuzzi, A. *Maximal complexifications of certain homogeneous Riemannian manifolds*, 4581
- Han, Deguang. *Approximations for Gabor and wavelet frames*, 3329
- Hara, Nobuo and Yoshida, Ken-ichi. *A generalization of tight closure and multiplier ideals*, 3143
- Harbourne, Brian; Holay, Sandeep; and Fitchett, Stephanie. *Resolutions of ideals of quasiuniform fat point subschemes of \mathbb{P}^2* , 593
- Hare, Kathryn and Ricci, Fulvio. *Maximal functions with polynomial densities in lacunary directions*, 1135
- Hare, Kevin G. *See* Borwein, Peter
- Hartensine, David. *See* Gutiérrez, Cristian E.
- Henk, Martin. *See* Dais, Dimitrios I.
- Henriksen, Christian. *The combinatorial rigidity conjecture is false for cubic polynomials*, 3625
- Heurteaux, Yanick. *Weierstrass functions with random phases*, 3065
- Hindman, Neil; Leader, Imre; and Strauss, Dona. *Infinite partition regular matrices: Solutions in central sets*, 1213
- Hindman, Neil; Strauss, Dona; and Zelenyuk, Yevhen. *Large rectangular semigroups in Stone-Čech compactifications*, 2795

- Hoffman, Michael E. *Combinatorics of rooted trees and Hopf algebras*, 3795
- Holay, Sandeep. *See* Harbourne, Brian
- Hrushovski, E. and Itai, M. *On model complete differential fields*, 4267
- Hu, Jiaxin. *See* Grigor'yan, Alexander
- Hu, Yi. *A compactification of open varieties*, 4737
- Hu, Yijun and Lee, Tzong-Yow. *Moderate deviation principles for trajectories of sums of independent Banach space valued random variables*, 3047
- Huang, Danrun. *See* Boyle, Mike
- Huczynska, Sophie and Cohen, Stephen D. *Primitive free cubics with specified norm and trace*, 3099
- Hundal, Hein. *See* Bauschke, Heinz H.
- Hung, Nguyễn H. V. *Erratum to "Spherical classes and the algebraic transfer"*, 3841
- Hwang, Andrew D. and Maschler, Gideon. *Central Kähler metrics with non-constant central curvature*, 2183
- Iannuzzi, A. *See* Halverscheid, S.
- Im, M. K. *See* Ryu, K. S.
- Ionescu, Alexandru D. *Singular integrals on symmetric spaces, II*, 3359
- Iosevich, A. *See* Brandolini, L.
- Ismail, M. E. H. and Stanton, D. *Tribasic integrals and identities of Rogers-Ramanujan type*, 4061
- Itai, M. *See* Hrushovski, E.
- Iyer, Jaya N. *Projective normality of abelian varieties*, 3209
- Jacobowitz, Howard and Mendoza, Gerardo. *Sub-bundles of the complexified tangent bundle*, 4201
- Jakubczyk, B. and Zhitomirskii, M. *Distributions of corank 1 and their characteristic vector fields*, 2857
- Jarnicki, Marek and Pflug, Peter. *An extension theorem for separately holomorphic functions with pluripolar singularities*, 1251
- Javaloyes Victoria, Miguel A. and Meroño Bayo, Miguel A. *Biharmonic lifts by means of pseudo-Riemannian submersions in dimension three*, 169
- Jelsovsky, Daniel. *See* Carter, J. Scott
- Jeremías López, Ana. *See* Alonso Tarrio, Leovigildo
- Jiao, Xiaoxiang and Peng, Jiagui. *Pseudo-holomorphic curves in complex Grassmann manifolds*, 3715
- Jimenez-Urroz, Jorge and Yang, Tonghai. *Heegner zeros of theta functions*, 4137
- Jin, Renling. *Inverse problem for upper asymptotic density*, 57
- Jin, Renling and Keisler, H. Jerome. *Abelian groups with layered tiles and the sunset phenomenon*, 79
- Jones, Roger L. *See* Campbell, James T.
- Jung, Hwanyup. *See* Ahn, Jaehyun
- Jung, Kenley. *The free entropy dimension of hyperfinite von Neumann algebras*, 5053
- Kalton, N. J. *See* Cabello Sánchez, F.
- Kamada, Seiichi. *See* Carter, J. Scott
- Kang, Pyung-Lyun. *See* Bae, Sunghan
- Kaniuth, E.; Lau, A. T.; and Schlichting, G. *Lebesgue type decomposition of subspaces of Fourier-Stieltjes algebras*, 1467
- Kapovich, Ilya. *Erratum to "Subgroup properties of fully residually free groups"*, 1295
- Karaivanov, Borislav; Petrushev, Pencho; and Sharpley, Robert C. *Algorithms for nonlinear piecewise polynomial approximation: Theoretical aspects*, 2585
- Keigher, William. *See* Andrews, George E.
- Keilen, Thomas. *Irreducibility of equisingular families of curves*, 3485
- Keisler, H. Jerome. *See* Jin, Renling
- Kiem, Young-Hoon. *The stringy E-function of the moduli space of rank 2 bundles over a Riemann surface of genus 3*, 1843
- Kim, Byunghan. *See* de Piro, Tristram
- Kong, Jian. *Seshadri constants on Jacobian of curves*, 3175
- Koo, Hyungwoon. *See* Choe, Boo Rim

INDEX TO VOLUME 355 (2003)

- Koskela, Pekka and Onninen, Jani. *Mappings of finite distortion: The sharp modulus of continuity*, 1905
- Kotschick, D. See Braungardt, V.
- Kovacic, Jerald J. *The differential Galois theory of strongly normal extensions*, 4475
- Krylov, Nikolai A. *On the Jacobi group and the mapping class group of $S^3 \times S^3$* , 99
- Kulkarni, Rajesh S. *On the Clifford algebra of a binary form*, 3181
- Kwon, E. G. *Hyperbolic mean growth of bounded holomorphic functions in the ball*, 1269
- Labuschagne, Louis E. See Blecher, David P.
- Langford, Laurel. See Carter, J. Scott
- Lau, A. T. See Kaniuth, E.
- Lau, Ka-Sing. See Grigor'yan, Alexander
- Lau, Ka-Sing and Rao, Hui. *On one-dimensional self-similar tilings and pq-tiles*, 1401
- Lauter, Robert and Moroianu, Sergiu. *Homology of pseudodifferential operators on manifolds with fibered cusps*, 3009
- Leader, Imre. See Hindman, Neil
- Lee, Kyung Bai. See Dekimpe, Karel
- Lee, Tzong-Yow. See Hu, Yijun
- Lee, Yoonweon. *Burghlelea-Friedlander-Kappeler's gluing formula for the zeta-determinant and its applications to the adiabatic decompositions of the zeta-determinant and the analytic torsion*, 4093
- Leedham-Green, Charles R. See Beals, Robert
- Lewis, A. S. See Dontchev, A. L.
- Li, Cai Heng and Praeger, Cheryl E. *On partitioning the orbitals of a transitive permutation group*, 637
- Li, Hong-Quan and Lohoue, Noël. *Estimations L^p des solutions de l'équation des ondes sur certaines variétés coniques*, 689
- Li, Hui. *Semi-free Hamiltonian circle actions on 6-dimensional symplectic manifolds*, 4543
- Lillywhite, Steven. *Formality in an equivariant setting*, 2771
- Logemann, Hartmut; Rebarber, Richard; and Townley, Stuart. *Stability of infinite-dimensional sampled-data systems*, 3301
- Lohoue, Noël. See Li, Hong-Quan
- Louboutin, Stéphane. *Explicit lower bounds for residues at $s = 1$ of Dedekind zeta functions and relative class numbers of CM-fields*, 3079
- Madych, W. R. *Limits of interpolatory processes*, 1109
- Mai, Jie-Hua. *The structure of equicontinuous maps*, 4125
- Mailhot, Sylvain. *Open 3-manifolds whose fundamental groups have infinite center, and a torus theorem for 3-orbifolds*, 4595
- Malý, Jan; Swanson, David; and Ziemer, William P. *The co-area formula for Sobolev mappings*, 477
- Marco, José Manuel. See García-Cuerva, José
- Marsh, Robert; Reineke, Markus; and Zelevinsky, Andrei. *Generalized associahedra via quiver representations*, 4171
- Martin, Gaven J. and Mayer, Volker. *Rigidity in holomorphic and quasiregular dynamics*, 4349
- Martin, Greg. *The limiting curve of Jarník's polygons*, 4865
- Martin, Jeremy L. *Geometry of graph varieties*, 4151
- Maschler, Gideon. *Central Kähler metrics*, 2161
- . See Hwang, Andrew D.
- Massuyeau, Gwénaél. *Spin Borromean surgeries*, 3991
- Matsuyama, Tokio. *Asymptotics for the nonlinear dissipative wave equation*, 865
- Matthies, Karsten and Scheel, Arnd. *Exponential averaging for Hamiltonian evolution equations*, 747
- Mayer, Volker. See Martin, Gaven J.
- Mazucato, Anna L. *Besov-Morrey spaces: Function space theory and applications to non-linear PDE*, 1297
- McCord, Christopher; Meyer, Kenneth R.; and Offin, Daniel. *Are Hamiltonian flows geodesic flows?*, 1237
- Mendoza, Gerardo. See Jacobowitz, Howard

- Merimovich, Carmi. *Extender-based Radin forcing*, 1729
- Meroño Bayo, Miguel A. *See* Javaloyes Victoria, Miguel A.
- Meyer, Kenneth R. *See* McCord, Christopher
- Migliore, J. and Miró-Roig, R. M. *On the minimal free resolution of $n + 1$ general forms*, 1
- Miró-Roig, R. M. *See* Migliore, J.
- Mitreá, Marius and Taylor, Michael. *Potential theory on Lipschitz domains in Riemannian manifolds: The case of Dini metric tensors*, 1961
- Montini, Emmanuel. *On the capacity of sets of divergence associated with the spherical partial integral operator*, 1415
- Morales, C. A. *Axiom A flows with a transverse torus*, 735
- Morgan, Frank. *Regularity of isoperimetric hypersurfaces in Riemannian manifolds*, 5041
- Mori, Izuru. *Homological properties of balanced Cohen-Macaulay algebras*, 1025
- Morimoto, Masaharu. *Induction theorems of surgery obstruction groups*, 2341
- Moroianu, Sergiu. *See* Lauter, Robert
- Mortenson, Eric. *Supercongruences between truncated ${}_2F_1$ hypergeometric functions and their Gaussian analogs*, 987
- Mountford, T. *See* Dalang, Robert C.
- Müller, Detlef and Peloso, Marco M. *Non-solvability for a class of left-invariant second-order differential operators on the Heisenberg group*, 2047
- Munemasa, Akihiro. *See* Chan, Ada
- Murolo, C.; Trotman, D. J. A.; and Du Plessis, A. A. *Stratified transversality by isotopy*, 4881
- Nakamaye, Michael. *Base loci of linear series are numerically determined*, 551
- Neal, Matthew and Russo, Bernard. *Contractive projections and operator spaces*, 2223
- Neher, Erhard and Yoshii, Yoji. *Derivations and invariant forms of Jordan and alternative tori*, 1079
- Neumann, Walter D. and Norbury, Paul. *The Orevkov invariant of an affine plane curve*, 519
- Nevo, Amos and Ratnakumar, P. K. *Spherical maximal operator on symmetric spaces of constant curvature*, 1167
- Ni, Lei; Shi, Yuguang; and Tam, Luen-Fai. *Ricci flatness of asymptotically locally Euclidean metrics*, 1933
- Nica, Alexandru. *See* Biane, Philippe
- Niemeyer, Alice C. *See* Beals, Robert
- Norbury, Paul. *See* Neumann, Walter D.
- O'Connell, Neil. *A path-transformation for random walks and the Robinson-Schensted correspondence*, 3669
- Offin, Daniel. *See* McCord, Christopher
- Oh, Byeong-Kweon. *See* Chan, Wai Kiu
- Ohmoto, Toru; Saeki, Osamu; and Sakuma, Kazuhiro. *Self-intersection class for singularities and its application to fold maps*, 3825
- Oliaro, Alessandro. *See* de Donno, Giuseppe
- Onninen, Jani. *See* Koskela, Pekka
- Ono, Ken. *See* Andrews, George E.
- Ontaneda, Pedro. *The double of a hyperbolic manifold and non-positively curved exotic PL structures*, 935
- Orum, Chris. *See* Bhattacharya, Rabi N.
- Ossiander, Mina. *See* Bhattacharya, Rabi N.
- Ottaviani, Giorgio. *See* Costa, Laura
- Otto, Marc-Oliver. *Tight surfaces in three-dimensional compact Euclidean space forms*, 4847
- Pacini, Tommaso. *Mean curvature flow, orbits, moment maps*, 3343
- Palomo, Francisco J. *See* Gutiérrez, Manuel
- Pan, Yibiao. *See* Fan, Dashan
- Papanicolaou, Vassilis G. *The periodic Euler-Bernoulli equation*, 3727
- Papanikolas, Matthew. *See* Ahlgren, Scott
- Parcet, Javier. *See* García-Cuerva, José
- Park, Sung-Ho. *See* Bauschke, Heinz H.
- Parshall, Brian. *See* Du, Jie
- Pascucci, Andrea. *Hölder regularity for a Kolmogorov equation*, 901

INDEX TO VOLUME 355 (2003)

- Peeva, Irena. *Hyperplane arrangements and linear strands in resolutions*, 609
- Peloso, Marco M. *See* Müller, Detlef
- Peng, Jiagui. *See* Jiao, Xiaoxiang
- Penot, Jean-Paul. *See* Daniilidis, Aris
- Perissinaki, Irini. *See* Anttila, Milla
- Perkins, Edwin A. *See* Bass, Richard F.
- Pethő, Attila. *See* Fuchs, Clemens
- Petrushev, Pencho. *See* Karaivanov, Borislav
- Pflug, Peter. *See* Jarnicki, Marek
- Pillay, Anand and Scanlon, Thomas. *Meromorphic groups*, 3843
- de Piro, Tristram and Kim, Byunghan. *The geometry of 1-based minimal types*, 4241
- Poletsky, Evgeny A. *Approximation of plurisubharmonic functions by multipole Green functions*, 1579
- Pollicott, Mark. *Hausdorff dimension and asymptotic cycles*, 3241
- Popescu, Sorin. *See* Eisenbud, David
- Praeger, Cheryl E. *See* Beals, Robert
- . *See* Li, Cai Heng
- Purnaprajna, Bangere P. *See* Gallego, Francisco Javier
- Quinto, Eric Todd. *See* Agranovsky, Mark L.
- Rachele, Lizabeth V. *Uniqueness of the density in an inverse problem for isotropic elastodynamics*, 4781
- Rao, Hui. *See* Lau, Ka-Sing
- Ratnakumar, P. K. *See* Nevo, Amos
- Rebarber, Richard. *See* Logemann, Hartmut
- Reineke, Markus. *See* Marsh, Robert
- Reinhold, Karin. *See* Campbell, James T.
- Ricci, Fulvio. *See* Hare, Kathryn
- Rios, Cristian. *The LP Dirichlet problem and nondivergence harmonic measure*, 665
- Rockafellar, R. T. *See* Dontchev, A. L.
- Romero, Alfonso. *See* Gutiérrez, Manuel
- Rondi, Luca. *Uniqueness for the determination of sound-soft defects in an inhomogeneous planar medium by acoustic boundary measurements*, 213
- Rosický, J. and Tholen, W. *Left-determined model categories and universal homotopy theories*, 3611
- Rösler, Margit. *A positive radial product formula for the Dunkl kernel*, 2413
- Rossi, Maria Evelina; Trung, Ngô Việt; and Valla, Giuseppe. *Castelnuovo-Mumford regularity and extended degree*, 1773
- Roudenko, Svetlana. *Matrix-weighted Besov spaces*, 273
- Rousset, F. *Stability of small amplitude boundary layers for mixed hyperbolic-parabolic systems*, 2991
- Rovnyak, J. *See* Alpay, D.
- Russo, Bernard. *See* Neal, Matthew
- Ryu, K. S. and Im, M. K. *On a measure in Wiener space and applications*, 2205
- Saeki, Osamu. *See* Ohmoto, Toru
- Saito, Masahico. *See* Carter, J. Scott
- Sakuma, Kazuhiro. *See* Ohmoto, Toru
- Sancho de Salas, Carlos. *Complete homogeneous varieties: Structure and classification*, 3651
- Scanlon, Thomas. *See* Pillay, Anand
- Scheel, Arnd. *See* Matthies, Karsten
- Schlichting, G. *See* Kaniuth, E.
- Schnürer, Oliver C. *A generalized Minkowski problem with Dirichlet boundary condition*, 655
- Schreyer, Frank-Olaf. *See* Eisenbud, David
- Seligman, George B. *On idempotents in reduced enveloping algebras*, 3291
- Seress, Ákos. *See* Beals, Robert
- Sharpley, Robert C. *See* Karaivanov, Borislav
- Shen, Zhongmin. *Projectively flat Finsler metrics of constant flag curvature*, 1713
- Shi, Yuguang. *See* Ni, Lei

INDEX TO VOLUME 355 (2003)

- Siconolfi, Antonio. *Metric character of Hamilton-Jacobi equations*, 1987
 ———. *Errata to "Metric character of Hamilton-Jacobi equations"*, 4265
- Sinclair, Allan M. and Smith, Roger R. *The Laplacian MASA in a free group factor*, 465
- Singh, Anurag K. *Cyclic covers of rings with rational singularities*, 1009
- Skoug, David. *See* Chang, Seung Jun
- Slupinski, M. J. *Functorial Hodge identities and quantization*, 2011
- Smith, Roger R. *See* Sinclair, Allan M.
- Smith, Wayne. *See* Choe, Boo Rim
- Sohn, Jaebum. *See* Andrews, George E.
- Solé, Patrick. *See* Chan, Heng Huat
- Souto Salorio, María José. *See* Alonso Tarrío, Leovigildo
- Stanton, D. *See* Ismail, M. E. H.
- Steele, T. H. *See* D'Aniello, Emma
- Stembridge, John R. *A local characterization of simply-laced crystals*, 4807
- Stepřanský, Juris. *The authomeomorphism group of the Čech-Stone compactification of the integers*, 4223
- Straube, Emil J. and Sucheston, Marcel K. *Levi foliations in pseudoconvex boundaries and vector fields that commute approximately with $\bar{\partial}$* , 143
- Strauss, Dona. *See* Hindman, Neil
- Strichartz, Robert S. *Fractafolds based on the Sierpinski gasket and their spectra*, 4019
- Sucheston, Marcel K. *See* Straube, Emil J.
- Swanson, David. *See* Malý, Jan
- Takahashi, Tetsuya. *Formulas for tamely ramified supercuspidal characters of GL_3* , 567
- Takayama, Nobuki. *See* Castro-Jiménez, Francisco Jesús
- Takayama, Shigeharu. *Itaka's fibrations via multiplier ideals*, 37
- Takhtajan, Leon and Zograf, Peter. *Hyperbolic 2-spheres with conical singularities, accessory parameters and Kähler metrics on $M_{0,n}$* , 1857
- Tam, Luen-Fai. *See* Ni, Lei
- Taylor, Edward C. *See* Bonfert-Taylor, Petra
- Taylor, Michael. *See* Mitrea, Marius
- Tholen, W. *See* Rosický, J.
- Thomann, Enrique. *See* Bhattacharya, Rabi N.
- Thomas, Marc P. *Local power series quotients of commutative Banach and Fréchet algebras*, 2139
- Tichy, Robert F. *See* Fuchs, Clemens
- Tišer, Jaroslav. *Vitali covering theorem in Hilbert space*, 3277
- Tjani, Maria. *Compact composition operators on Besov spaces*, 4683
- Tolsa, Xavier. *The space H^1 for nondoubling measures in terms of a grand maximal operator*, 315
- Townley, Stuart. *See* Logemann, Hartmut
- Travaglini, G. *See* Brandolini, L.
- Trotman, D. J. A. *See* Murolo, C.
- Trung, Ngô Việt. *See* Rossi, Maria Evelina
- Tsuji, Takae. *On the Iwasawa λ -invariants of real abelian fields*, 3699
- Uchiyama, Mitsuru. *Inverse functions of polynomials and orthogonal polynomials as operator monotone functions*, 4111
- Ueda, Yoshimichi. *Fullness, Connes' χ -groups, and ultra-products of amalgamated free products over Cartan subalgebras*, 349
- Ülger, A. *Erratum to "Arens regularity of the algebra $A \hat{\otimes} B$ "*, 3839
- Valla, Giuseppe. *See* Rossi, Maria Evelina
- Van Assche, W. *See* Aptekarev, A. I.
- Viaclovsky, Jeff. *See* Guan, Pengfei
- Wang, Guofang. *See* Guan, Pengfei
- Wang, Mu-Tao. *On graphic Bernstein type results in higher codimension*, 265
- Warrington, Gregory S. *See* Billey, Sara C.
- Waymire, Edward C. *See* Bhattacharya, Rabi N.
- Weyman, Jerzy. *See* Eisenbud, David

INDEX TO VOLUME 355 (2003)

- Wierdl, Máté. *See* Campbell, James T.
- Wilhelm, Hannes. *See* Birkenhake, Christina
- Wolf, Christian. *On measures of maximal and full dimension for polynomial automorphisms of \mathbb{C}^2* , 3227
- Wright, David and Zhao, Wenhua. *D-log and formal flow for analytic isomorphisms of n -space*, 3117
- Wu, Q.-S. and Zhang, J. J. *Noetherian PI Hopf algebras are Gorenstein*, 1043
- Yagita, Nobuaki. *Examples for the mod p motivic cohomology of classifying spaces*, 4427
- Yamanouchi, Takehiko. *Galois groups of quantum group actions and regularity of fixed-point algebras*, 2813
- Yan, Baisheng. *A Baire's category method for the Dirichlet problem of quasiregular mappings*, 4755
- Yang, Tonghai. *Taylor expansion of an Eisenstein series*, 2663
- . *See* Jimenez-Urroz, Jorge
- Yee, Ae Ja. *See* Andrews, George E.
- Yin, Linsheng. *See* Bae, Sunghan
- Yokura, Shoji. *On Ginzburg's bivariate Chern classes*, 2501
- Yoshida, Ken-ichi. *See* Hara, Nobuo
- Yoshii, Yoji. *See* Neher, Erhard
- Yost, D. T. *See* Cabello Sánchez, F.
- Yuri, Michiko. *Thermodynamic formalism for countable to one Markov systems*, 2949
- Yuzvinsky, Sergey. *See* Eisenbud, David
- Zaharescu, Alexandru. *See* Andrews, George E.
- Zaicev, M. *See* Giambruno, A.
- Zeeman, E. C. and Zeeman, M. L. *From local to global behavior in competitive Lotka-Volterra systems*, 713
- Zeeman, M. L. *See* Zeeman, E. C.
- Zelenyuk, Yevhen. *See* Hindman, Neil
- Zelevinsky, Andrei. *See* Marsh, Robert
- Zhang, J. J. *See* Wu, Q.-S.
- Zhang, Jianying. *See* Crandall, Michael G.
- Zhang, Qi S. *See* Goldstein, Jerome A.
- Zhao, Wenhua. *See* Wright, David
- Zhitomirskii, M. *See* Jakubczyk, B.
- Ziemer, William P. *See* Malý, Jan
- Zograf, Peter. *See* Takhtajan, Leon
- Zompatori, Marina. *See* Buckley, Anita
- Zucconi, Francesco. *Generalized hyperelliptic surfaces*, 4045

